

**North Carolina Department of Health and Human Services
Division of Mental Health, Developmental Disabilities and Substance Abuse Services**

NC-TOPPS

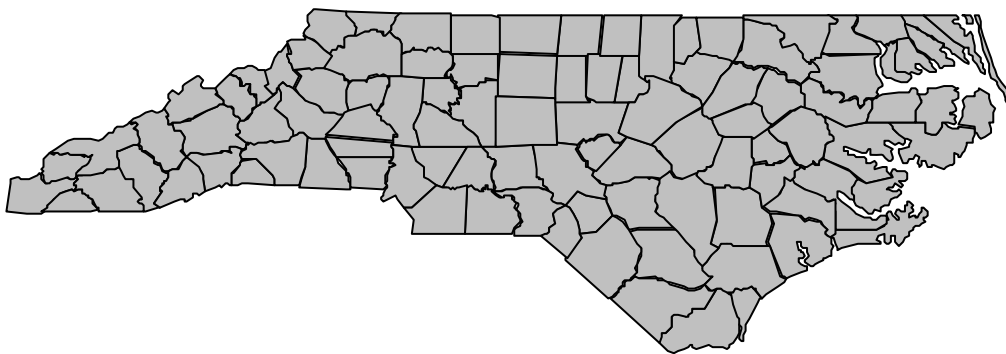
North Carolina Treatment Outcomes and Program Performance System

**Adult Mental Health Consumers
Pathways LME**

Initial Interview Matched to 3-Month Update Interview

Initial Interviews Conducted: January 1, 2006 through December 31, 2006

Note: Includes matching Update Interviews through June 2007.



Data Collected By:

Center for Urban Affairs and Community Services (CUACS)
NC State University
Mindy McNeely, Project Director

Report Produced By:

Institute for Community-Based Research
National Development & Research Institutes, Inc. (NDRI)
Marge Cawley, Project Director
Gail Craddock, Senior Research Analyst

Prepared For:

Quality Management Team
Community Policy Management Section
DMH/DD/SAS
NC DHHS

July 2007



Matched Initial/Update Report

This feedback report is available to Local Management Entities, providers and the NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services on data gathered for mental health consumers through the North Carolina Treatment Outcomes and Program Performance System (NC-TOPPS). This report provides information gathered through the online NC-TOPPS Initial and Update Interviews. It provides six or seven pages of charts, tables and text information on consumers' demographic characteristics, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues and outcome measures collected through an interview with the consumer during treatment. It should be noted that not every data element or response category on the NC-TOPPS Interviews are displayed in this report.

Please note that the charts and tables may not always match online queries that you may conduct. The data used in these reports will not necessarily reflect the same points in time. In addition, NDRI who produces these reports cleans the data and removes apparent duplicates prior to preparing the tables and charts.

Additional information about NC-TOPPS and pdf copies of the online NC-TOPPS interviews are located at:

<http://nctopps.ncdmh.net/>

General Information on Interpreting Tables

Types of Statistics	<p>► A <u>count</u> shows the actual number (often designated by the letter "n") of clients.</p> <p>► A <u>percentage</u> is the number of clients with a characteristic or behavior divided by all the clients in the group of interest multiplied by 100. Percentages will be designated with a % sign next to the number.</p> <p>► An <u>average</u> is the sum of a set of numbers divided by the number of numbers in the set. When a number in a cell is an average, the word average will appear in the row descriptor.</p> <p>► A <u>median</u> is the middle number in a set of numbers, arranged from lowest to highest. For example, the median for the following numbers: 9, 12, 12, 15, 17, 20, 22, 23, 25, 28, 31, 35, 62 is the bolded number, 22. Medians are important measures of central tendency, especially when a mean may be skewed by a very high or very low value. When a number in a cell is a median, the word median will appear in the row descriptor.</p>
Missing Data	For many of the NC-TOPPS forms entered, a particular item or question may have been left blank. In calculating the means, medians, and percentages in cells of questionnaire items, this missing data is excluded from the calculation. For example, program X may have submitted 50 interviews but in 2 of the interviews, gender was left blank. When the percent of males is calculated, the 25 males are shown as 52% ($25/48 \times 100$).
Denominator	The denominator for nearly all percentages is the number of cases shown on the bottom left of the page minus item missing data. All exceptions to this general rule are specifically noted with appropriate text in the graphic or table. This text will state which group is included or excluded from the denominator, such as "of those in the labor force" or "of those with children."
Multiple Response	"Multiple response" indicates a "mark all that apply" type question in which more than one response to a question is allowed. The total of responses may add to greater than 100%. Examples are health insurance or target population. This is in contrast to items such as gender where only a single response is allowed.
Time periods of behaviors measured	Behaviors are measured at several time periods including the past year, the past 6-months, the past 3-months, the past month, or since last assessment. For the Initial Assessments, the time periods can generally be construed to mean the time period before treatment begins. For the Update Assessments the time is measured from the time at which the interview occurs back one month, 3-months, or since the last assessment.
Definitions of terms	The Appendix at the end of the report gives definitions of acronyms, abbreviations, and other terms used in this report.
Notes:	Mental Health consumers who are also being treated for substance abuse (co-occurring) are included in this report.

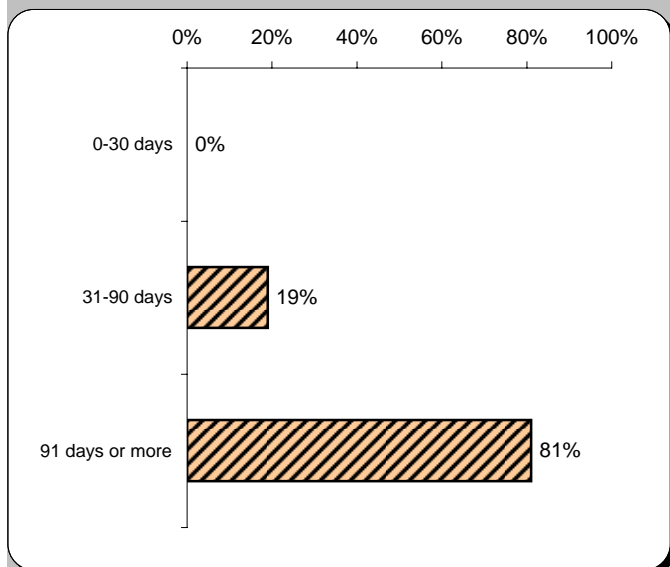
This table shows the number of matched consumers in this report by provider. This is the number of Initials done during the calendar year 2006 for whom there was a 3-month update interview conducted by June 30, 2007.

Provider	City	ProviderID	Number
AAA Care and Treatment Facility	Gastonia	380	9
ABC Human Services	Gastonia	849	52
Adventure House Community Support Services	Shelby	600	25
All Care Providers	Shelby	1401	4
All My Children Home, Inc.	Cherryville	1296	31
CNC/Access	Shelby	573	3
CRE Care Management	Gastonia	709	4
Carolina Center for Counseling	Gastonia	446	27
Cleveland Family Services	Shelby	781	8
ComServ, Inc.	Shelby	675	6
Community Support Services	Lincolnton	490	9
Community Support Services Gaston Skills	Lincolnton	885	1
Cornerstone Christian Center	Gastonia	1570	6
DirectCare Community Base Services	Gastonia	631	10
Dreamweavers Unlimited	Gastonia	452	1
Elite Community Health, LLC	Gastonia	383	2
Excel Personal Development	Charlotte	1199	1
Excel Personal Development	Gastonia	483	10
Family First, Inc.	Belmont	884	5
Footprints Carolina	Gastonia	457	100
Footprints Carolina	Lincolnton	677	30
Footprints Carolina	Shelby	532	19
Friday's Place, Inc.	Gastonia	512	3
Gaston Residential Services	Gastonia	1405	1
Gaston Skills Inc (Community Support Serv)	Gastonia	489	12
Genesis House, Inc.	Gastonia	814	5
Greater Metrolina Mental Health Services	Gastonia	630	26
Joyful Living DDA Home, Inc.	Shelby	1233	1
Multi Care Services, Inc.	Gastonia	1157	2
New Place, Inc.	Belmont	941	2
New Place, Inc.	Lincolnton	2080	1
Outreach Management Services	Gastonia	1275	2
Pathways	Lincolnton	381	2
Pathways	Lincolnton	758	1
R & S Willis, Inc.	Gastonia	620	38
Special K Enrichment, Inc.	Gastonia	825	3
Sunpath LLC	Cramerton	751	6
Support, Inc.	Gastonia	397	22
Support, Inc.	Shelby	842	9
Tanyi's Respite and Habilitation Services	Shelby	525	8
The Simple Life Services, Inc.	Gastonia	1134	6
True Behavioral Healthcare, Inc.	Gastonia	382	44
True Behavioral Healthcare, Inc.	Gastonia	540	31
True Behavioral Healthcare, Inc.	Lincolnton	398	21
True Behavioral Healthcare, Inc.	Shelby	576	69
United Treatment Facility	Charlotte	1308	1
Total			679

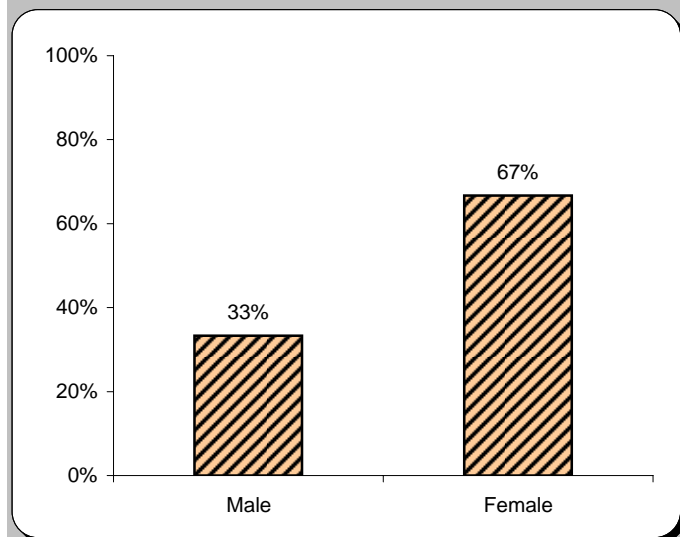
Part I

Part I of this report includes descriptive information about the Initial Interview Matched to 3-Month Update Interview consumers. This information on the types of consumers, time in treatment, types of services needed and being rendered helps in understanding the behavioral changes shown in Part II and Part III of this report.

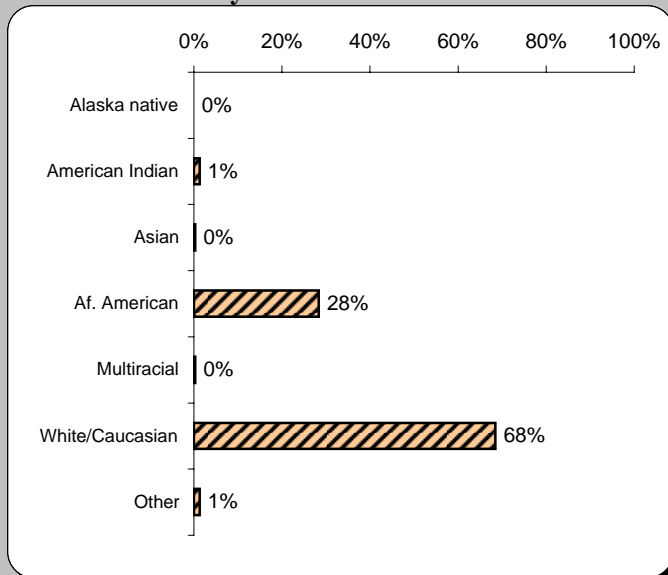
1-1: Days Between Initial and Update Interview



1-2: Gender



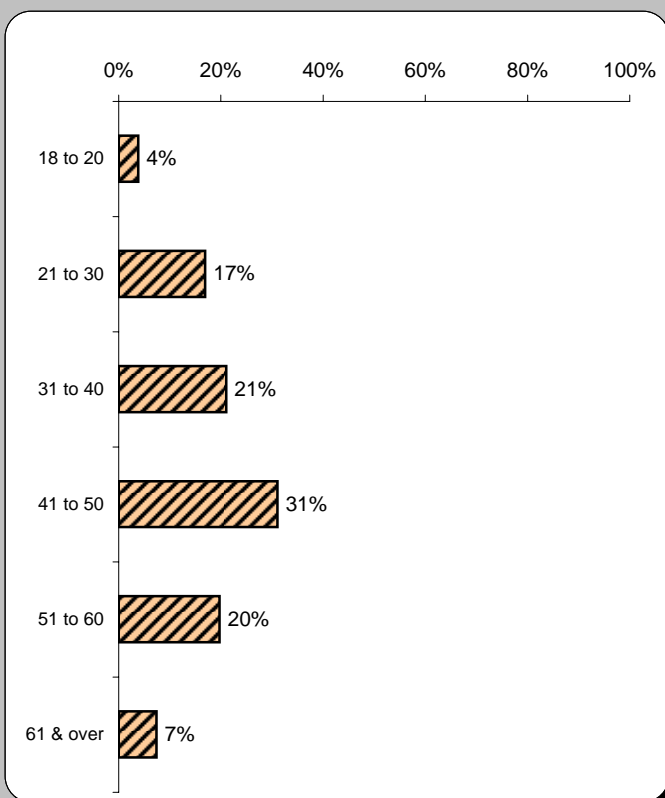
1-3: Race/Ethnicity



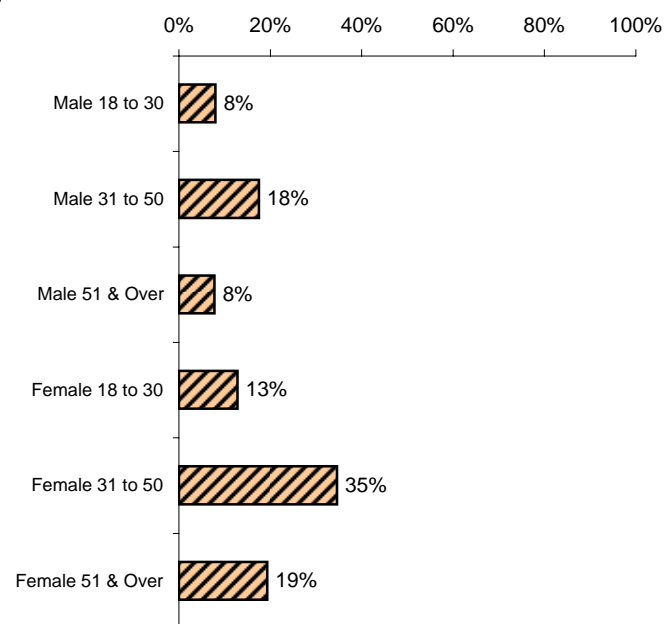
1-4: Hispanic

2% of Pathways consumers are Hispanic.

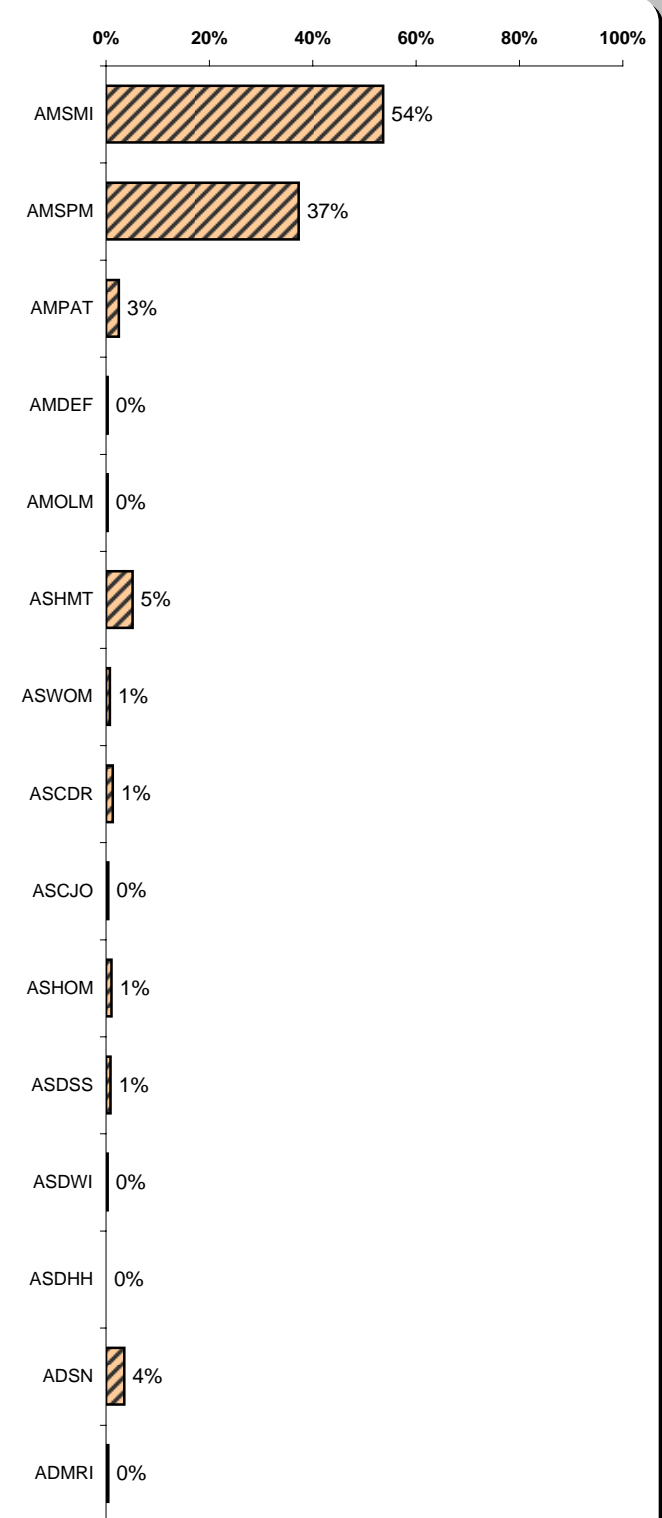
1-5: Age Group



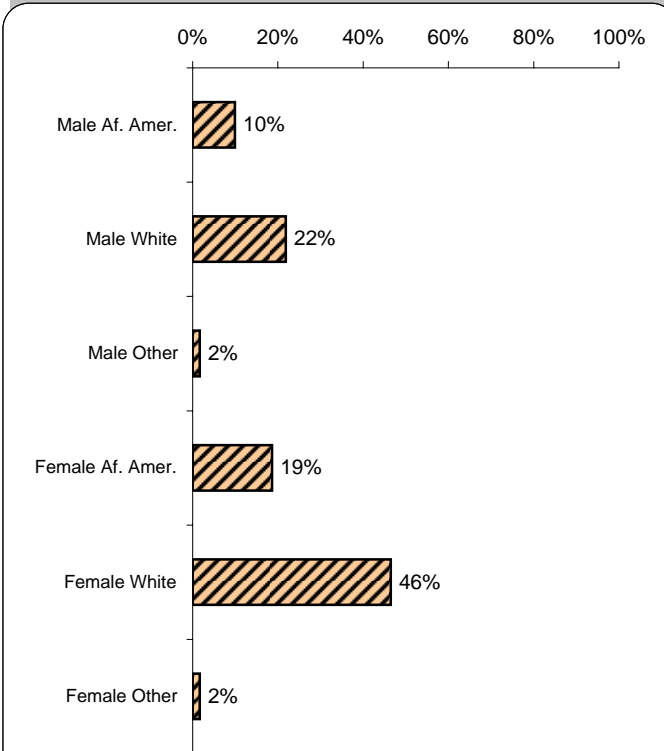
2-1: Gender and Age



2-3: IPRS Target Populations at Update

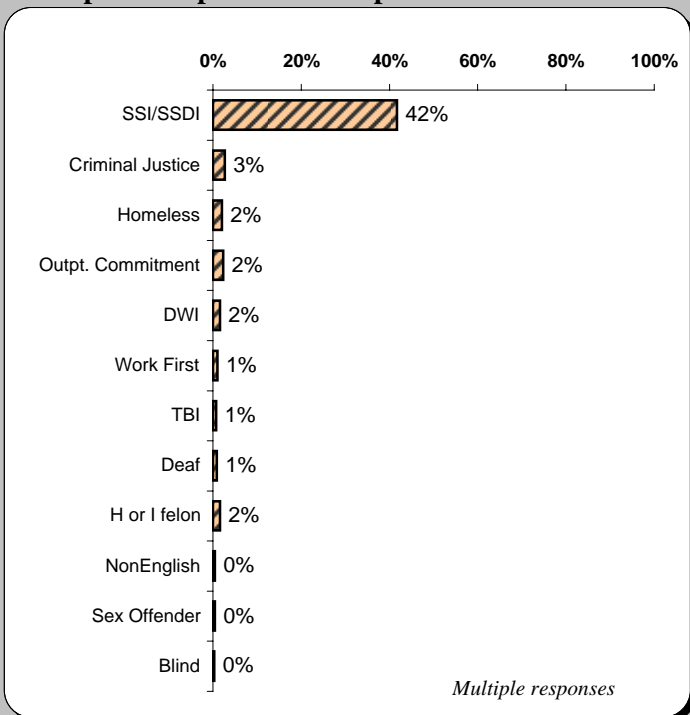


2-2: Gender and Ethnicity

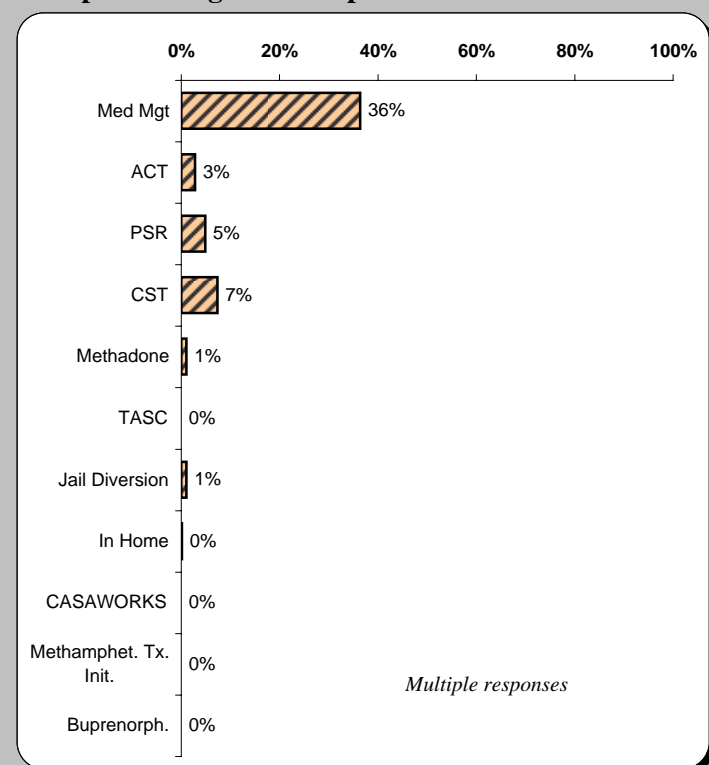


Note: See appendix for definitions of acronyms used on this page.

3-1: Special Populations at Update



3-2: Special Programs at Update

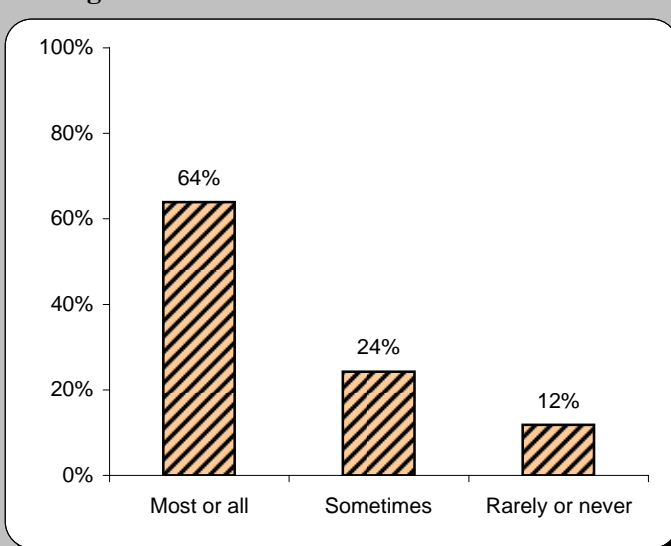


3-3: DSM-IV Diagnoses at Update

Diagnostic Category	
Major depression	57%
Bipolar disorder	23%
Schizophrenia	24%
Anxiety disorder	20%
PTSD	10%
Personality disorder	7%
Alcohol abuse	7%
Alcohol dependence	5%
Drug abuse	7%
Drug dependence	8%

Only most common diagnoses shown. Multiple response

3-4: Attendance at Scheduled Treatment Sessions, During Treatment Since Last Interview

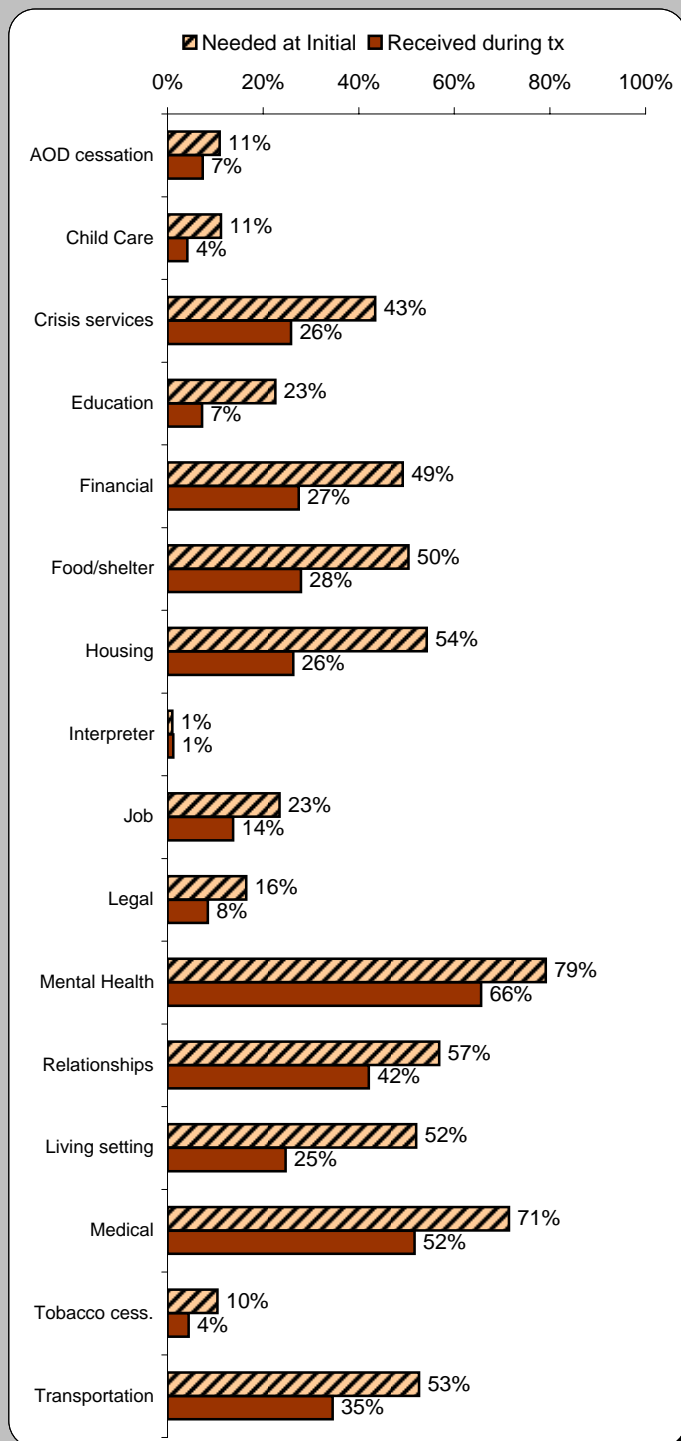


3-5: Family Involvement with Staff Concerning Treatment Services and/or Person-Centered Planning (PCP) During Past 3 Months of Treatment

Family Involvement with...	
Treatment Services and/or PCP	47%
Treatment Services	42%
Personal Care Plan	24%

4-1: Services Needed and Received

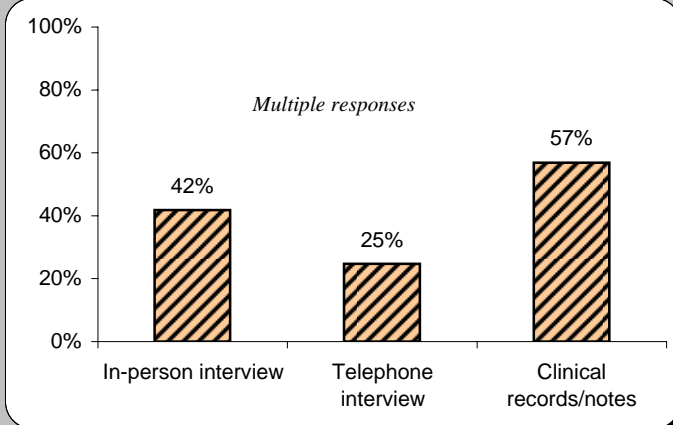
This chart compares information from the Initial Interview about whether a service area is very important to information from the Update Interview about whether the service was received during treatment.



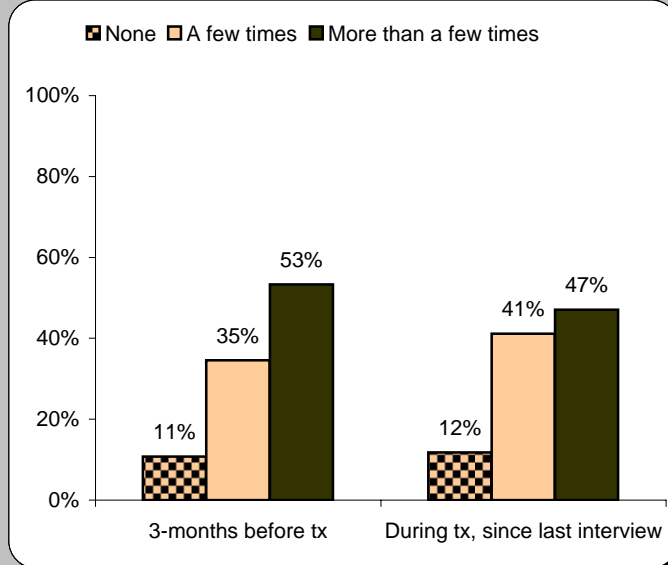
Part II

Charts and Graphs 4-2 thru 5-9 show consumers' employment, daily activities, living situation, substance use, and arrests. Some graphs and tables compare information collected at the Initial Interview with information collected in the Update Interview. Initial Interview information is designed to be collected by means of a personal interview with the consumer. The preferred method for completing the Update items in this section is a personal interview; however, a telephone interview, or clinical records or notes are also used. The following chart shows how it was completed for the current group of consumers:

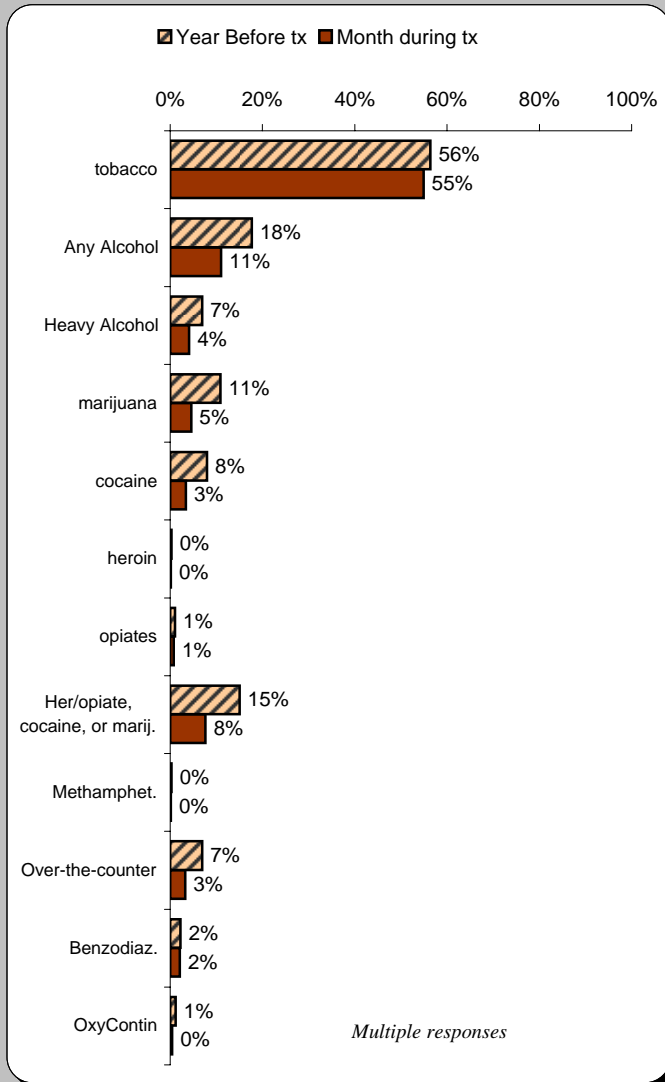
4-2 Update Interview Data Collection Method



4-3: How Often Problems Interfere with Work, School, or Other Daily Activities



5-1: Substance Use in Past Month



5-2: Cigarette Smoking

	Month before tx	Month during tx
Smoke cigarettes	54%	53%
Smoke a pack a day or more	29%	25%

5-3 Homeless Consumers

	3-Months before tx	During tx since last interview
In Shelters	9	3
Not in Shelters	6	5
Total Homeless	15	8

5-4: Employment

	3-Months before tx	Month during tx
% In labor force	26%	26%
Of those in the labor force...		
Employed full-time	9%	13%
Employed part-time	29%	31%
Unemployed (seeking work)	62%	56%
Of those working...		
Supported employment	32%	19%
Transitional employment	6%	5%

5-5: Justice System Involvement

5% of Pathways consumers were under correctional supervision at the time of their Update Interview.

5-6: Arrests

	6-months before tx	During tx since last interview
Any arrest	3%	2%
Misdemeanor arrest	3%	2%
Felony arrest	1%	0%

5-7: Children Under 18

34% of Pathways consumers have children under age 18.

5-8: Custody Issues During Treatment

	# Since Last Interview
Gained custody of child(ren)	8
Lost custody	9
Began seeking custody	5
Stopped seeking custody	3
Continued seeking custody	10
New baby removed from custody	2

5-9: DSS Investigations During Treatment

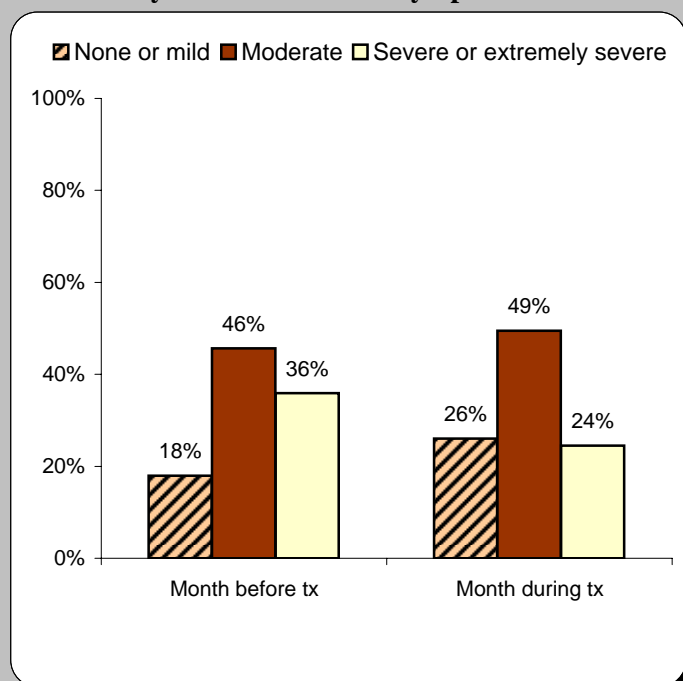
	# Since Last Interview
Consumer investigated by DSS for child abuse or neglect	27
Investigation was due to infant testing positive on drug screen	2

Part III

Charts and Graphs 6-1 thru 7-3 compare Initial Interview information with information from Section III of the Update Interview. Section III has questions that must be answered by the consumer. If the consumer is not available, these items are skipped and left blank. Therefore, these items often represent the responses of fewer consumers.

*** 396 of the 679 (58%) of Pathways Update Interviews included a personal interview with the consumer.**

6-1: Severity of Mental Health Symptoms



6-2: Psychotropic Medications at Update

84% of Pathways consumers have a current prescription for psychotropic medications. Of those, 85% take their medication as prescribed all or most of the time.

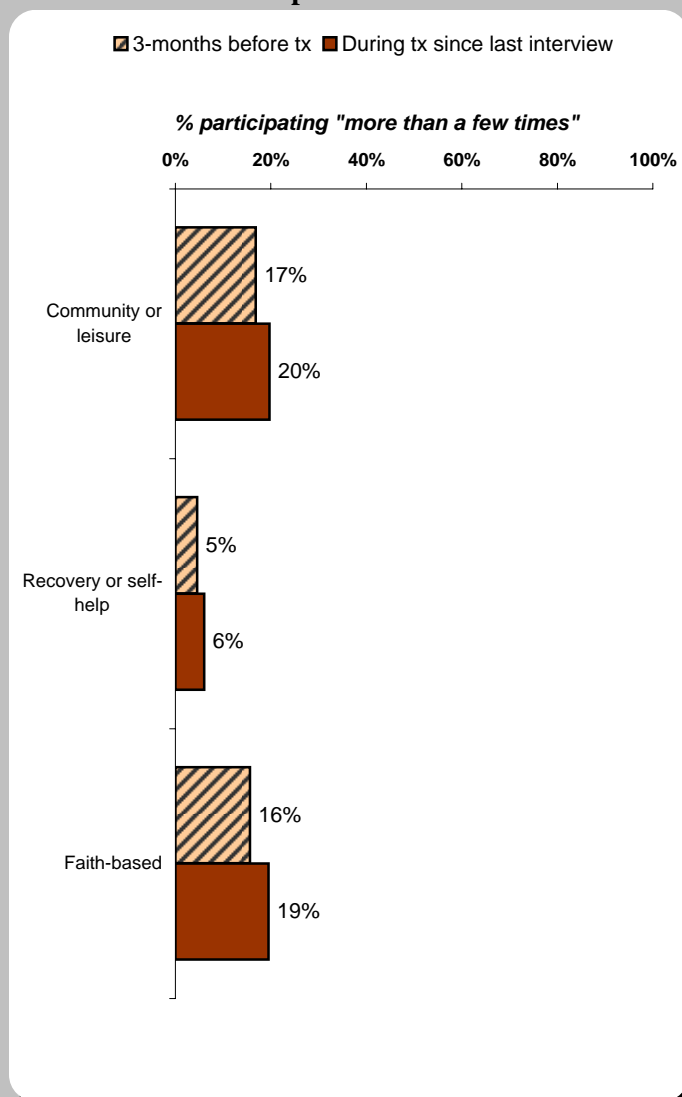
6-3: Experienced Violence

	3 Months before tx	During tx, since last interview
Physical violence	10%	6%
Sexual violence	2%	1%

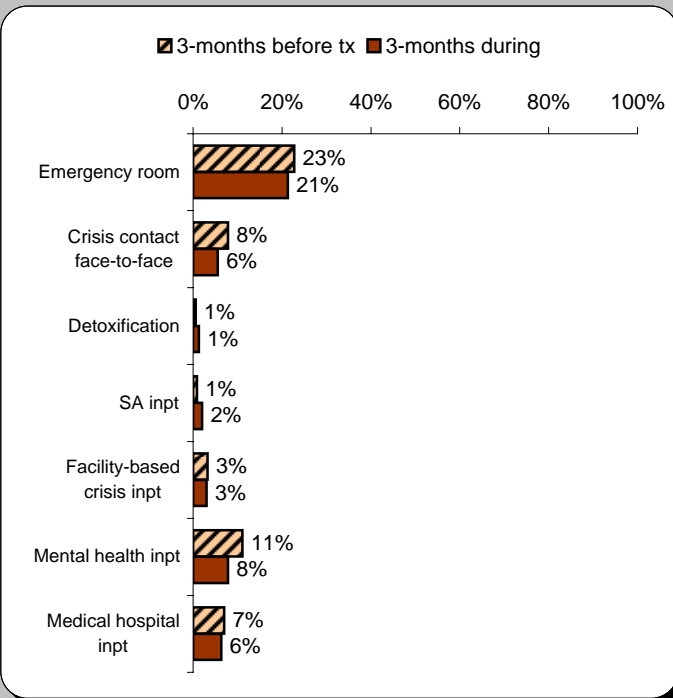
6-4: Behavior Problems and Symptoms

	3 Months before tx	During tx, since last interview
Suicidal thoughts	37%	29%
Tried to hurt or cause self pain	10%	4%
Risky Sexual activity	5%	4%
Hit/physically hurt another person	9%	6%

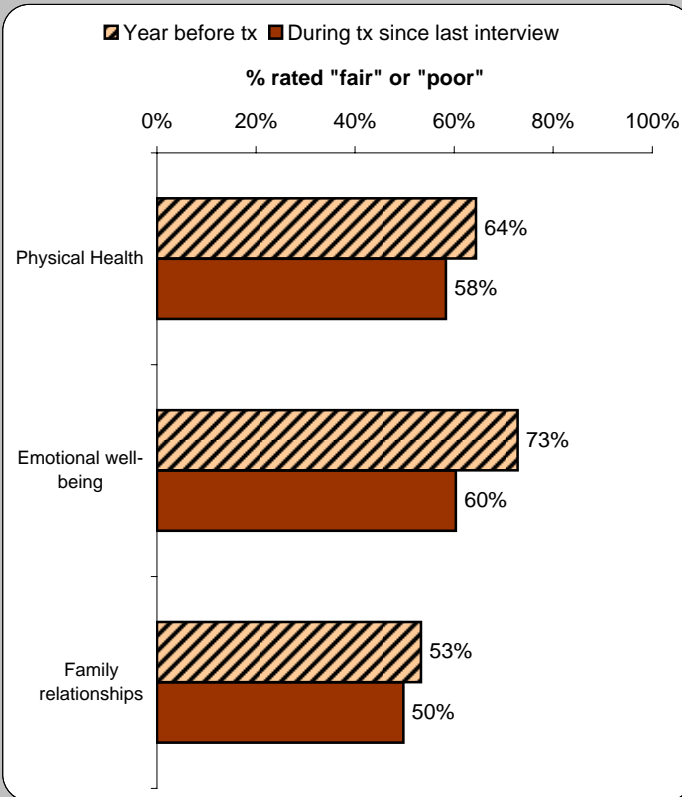
6-5: Consumer Participation in Positive Activities



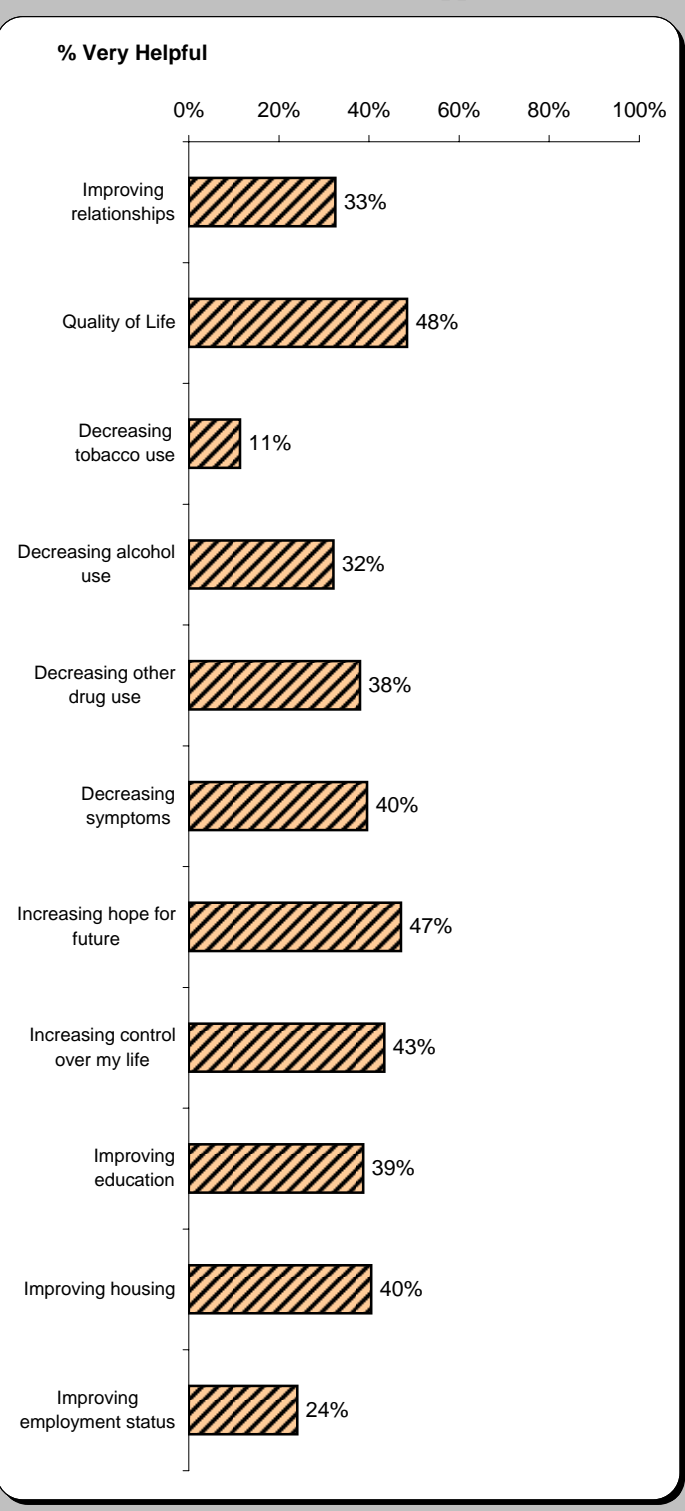
7-1: Health Care Received



7-2: Consumer Ratings on Quality of Life



7-3: Helpfulness of Program Services (of those for whom the service is applicable)



Note: Zero percent may indicate not applicable for all consumers.

Acronym or Term	Definition
ACT	Assertive Community Treatment
ADMRI	Target population: Adult with both mental retardation and mental illness
ADSN	Target population: Adult with Developmental Disability
Af American	African American
AMOLM	Target population: Adult consumer receiving Olmstead services
AMPAT	Target population: Adult MH consumer who is homeless (PATH program).
AMSMI	Target population: Adult with serious mental illness
AMSPM	Target population: Adult with serious and persistent mental illness
AOD	Alcohol or other drugs
ASCDR	Target population: Adult SA injection drug user at risk for communicable disease
ASCJO	Target population: Adult SA who is a criminal justice offender
ASDHH	Target population: Adult SA consumer who is deaf or hard of hearing
ASDSS	Target population: Adult SA consumer who is involved with DSS
ASDWI	Target population: Adult SA consumer who is receiving DWI offender treatment
ASHMT	Target population: Adult with a chronic substance abuse disorder
ASHOM	Target population: Adult SA consumer who is homeless
ASWOM	Target population: Adult SA consumer who is pregnant or has dependent children
Assessmt	Assessment
Benzodiaz.	Benzodiazepine(s)
Buprenorph.	Buprenorphine
CASAWORKS	Residential program initiative designed to help substance abusing women
Cauc.	Caucasian
Crim. Justice or CJ	Criminal Justice
CST	Community support team
Detox	Detoxification
DSM	Diagnostic and Statistical Manual (Edition IV)
DSS	Division of Social Services
DWI	Driving while Impaired
GED	General Education Diploma (High School Equivalency)
H or I felon	Class H or I felon (controlled substance) who applied for food stamps
Her	Heroin
HS	High School
Inpt.	Inpatient
Marij.	Marijuana
Med. Mgmt.	Psychiatric medication management services
Methamphet.	Methamphetamine(s)
Methamphet. Tx. Init.	Methamphetamine Treatment Initiative
MH	Mental Health
Outpt. Commitment	Outpatient Commitment
PSR	Psychosocial rehabilitation
PTSD	Post-traumatic Stress disorder
SA	Substance Abuse or Substance Abuser
SSI/SSDI	Supplemental Security Income or Social Security Disability Insurance
TASC	Treatment Accountability for Safer Communities
TBI	Traumatic brain injury
Tx	Treatment
Work First	DSS program for temporary assistance to needy families

Note; Refer to web page for more complete definitions of target populations:

<http://www.dhhs.state.nc.us/mhdd/sas>